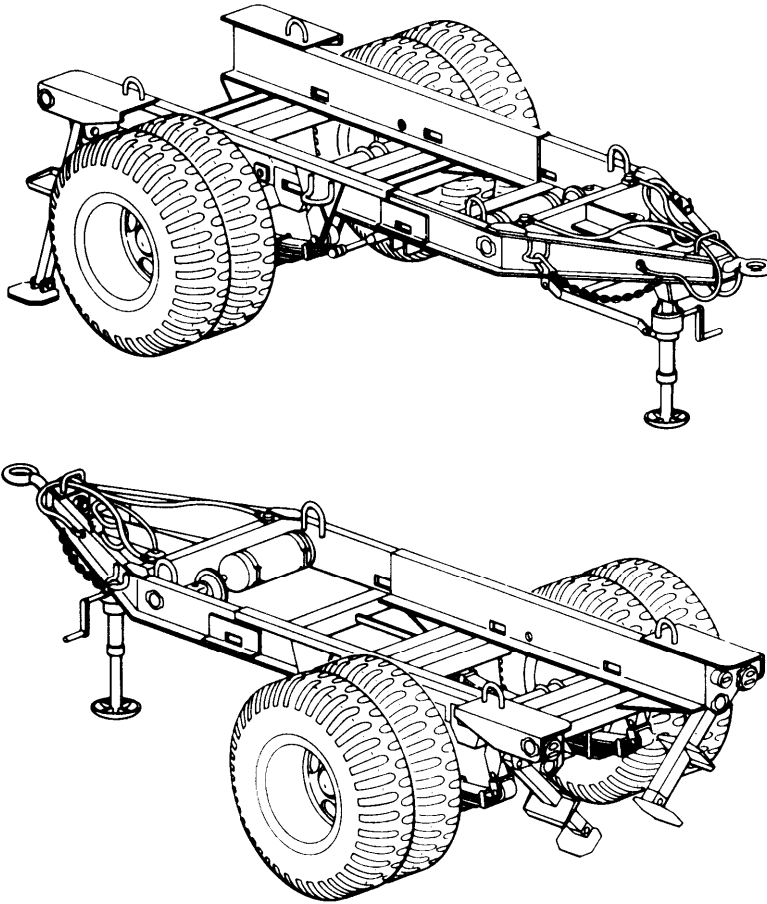


# TM 9-2330-205-14&P

## TECHNICAL MANUAL

### OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE (INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)



### CHASSIS, TRAILER: GENERATOR, 2 1/2-TON, 2-WHEEL, M200A1 (NSN 2330-00-331-2307)

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HEADQUARTERS, DEPARTMENT OF THE ARMY

SEPTEMBER 1984

TECHNICAL MANUAL

NO. 9-2330-205-14&amp;P

HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, DC, 11 September 1984

**Operator's, Organizational,  
Direct Support, and General Support  
Maintenance Manual  
(Including Repair Parts and Special Tools List)**

**CHASSIS, TRAILER: GENERATOR  
2 1/2-TON, 2-WHEEL, M200A1  
(NSN 2330-00-331-2307)**

Current as of 15 January 1984

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes, or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Tank-Automotive Command, ATTN: AMSTA-MB Warren, MI 48090. A reply will be sent to you.

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\* This manual supersedes TM 9-2330-205-14, 28 November 1972; including all changes.

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## HOW TO USE THIS MANUAL

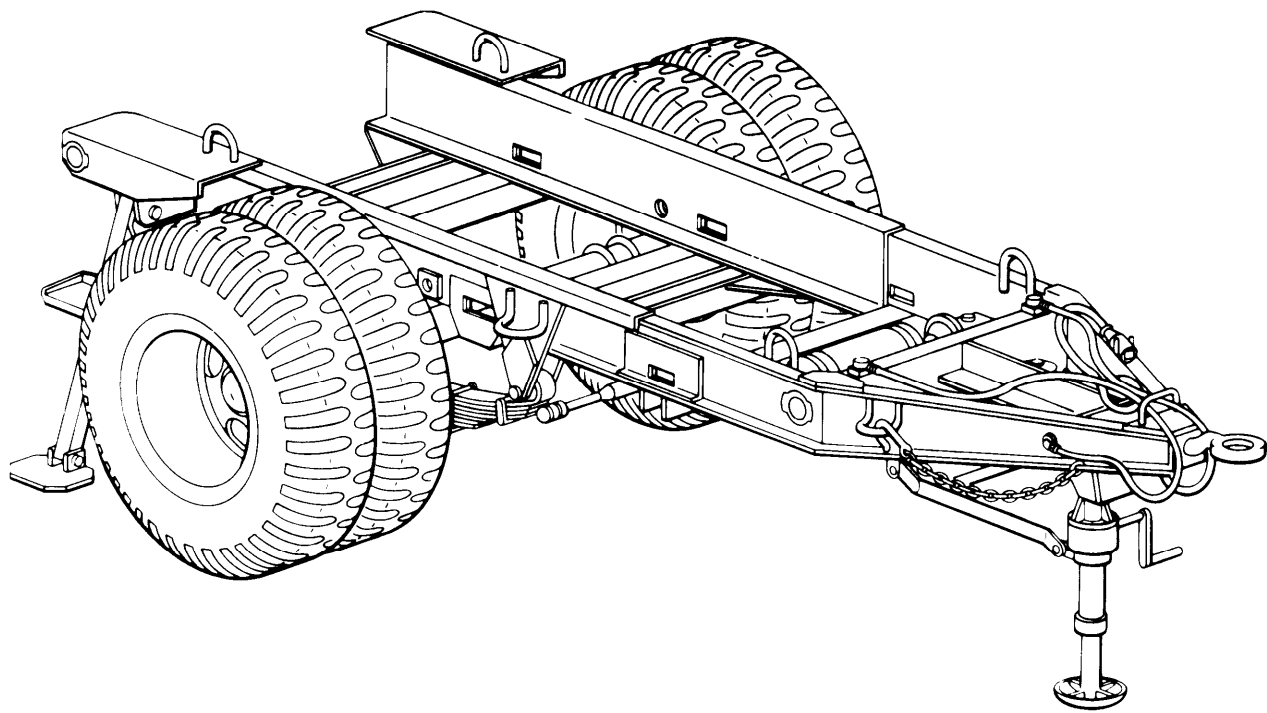
This manual is designed to help you operate and maintain the M200A1 Generator Trailer. The front cover table of contents is provided for quick reference to important information. There is also an index located in the final pages for use in locating specific items of information.

Measurements in this manual are given in both US standard and metric units. A metric to US standard conversion chart can be found on the inside back cover.

Read all preliminary information found at the beginning of each task. It has important information and safety instructions you must follow before beginning the task.

Warning pages are located in the front of this manual. You should read the warnings before operating or doing maintenance on the equipment.

A subject index appears at the beginning of each chapter listing sections that are included in that chapter. A more specific subject index is located at the beginning of each section to help you find the exact paragraph you're looking for.



# CHAPTER 1

## INTRODUCTION

### OVERVIEW

The purpose of this chapter is to give you information on the generator trailer chassis size, shape, major equipment, and how it works.

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Section I.	General Information .....	1-1
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### Section I GENERAL INFORMATION

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### SCOPE

Type of Manual: Operator's, Organizational, Direct Support, and General Support Maintenance Manual (Including Repair Parts and Special Tools Lists).

Model Number and Equipment Name: M200A1 Chassis, Trailer: Generator, 2 1/2-Ton, 2-Wheel.

Purpose of Equipment: The trailer is used to transport electric generators. It can be used on improved and unimproved roads.

### MAINTENANCE FORMS AND RECORDS

Department of the Army forms and procedures used for equipment maintenance will be those prescribed by TM 38-750, The Army Maintenance Management System (TAMMS).

### DESTRUCTION OF ARMY MATERIEL TO PREVENT ENEMY USE

Refer to TM 750-244-6, Procedures for Destruction of Tank-Automotive Equipment to Prevent Enemy Use (US Army Tank-Automotive Command).

PREPARATION FOR STORAGE AND SHIPMENT

See chapter 4, section XIV for instructions for the preparation for storage or shipment.

REPORTING EQUIPMENT IMPROVEMENT RECOMMENDATIONS (EIRs)

If your generator trailer needs improvement, let us know. Send us an EIR. You, the user, are the only one who can tell us what you don't like about your equipment. Let us know why you don't like the design. Put it on an SF 368 (Quality Deficiency Report). Mail it to Commander, US Army Tank-Automotive Command, Attn: DRSTA-MP, Warren MI 48090. We will send you a reply.

NOMENCLATURE CROSS-REFERENCE LIST

Common Name

Official Nomenclature

Tow hook

Pintle

Tow ring

Coupler, drawbar, lunette, ring

**Section II EQUIPMENT DESCRIPTION AND DATA**

	Page		Page
Equipment Characteristics, Capabilities, and Features . . . . .	1-2	Location and Description of Major Components . . . . .	1-3
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EQUIPMENT CHARACTERISTICS, CAPABILITIES, AND FEATURES

PURPOSE OF M200A1 GENERATOR TRAILER CHASSIS

An open-frame, single-axle, four-wheeled trailer chassis designed to transport an electric generator.

CAPABILITIES AND FEATURES

Load Capacity:

Highway, 7000 lb (3158 kg)

Cross country, 5000 lb (2270 kg)

May be towed by a 2 1/2-ton, 6 x 6, M35 cargo truck or similar vehicle.

Speed is restricted to 55 mph (88.5 km/h) on improved roads and 30 mph (48.3 km/h) on unimproved roads or cross country.

It can ford hard-bottom water crossings to any depth that can be negotiated by the towing vehicle.



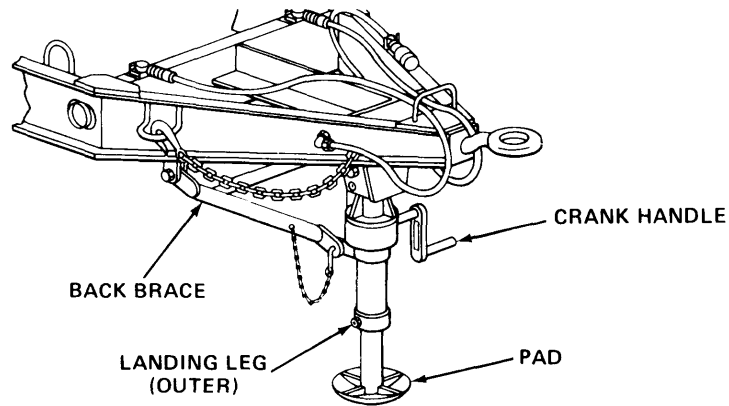
## LOCATION AND DESCRIPTION OF MAJOR COMPONENTS

### LANDING LEG

The landing leg supports the front of the trailer when uncoupled and can be used to raise or lower the front of the trailer.

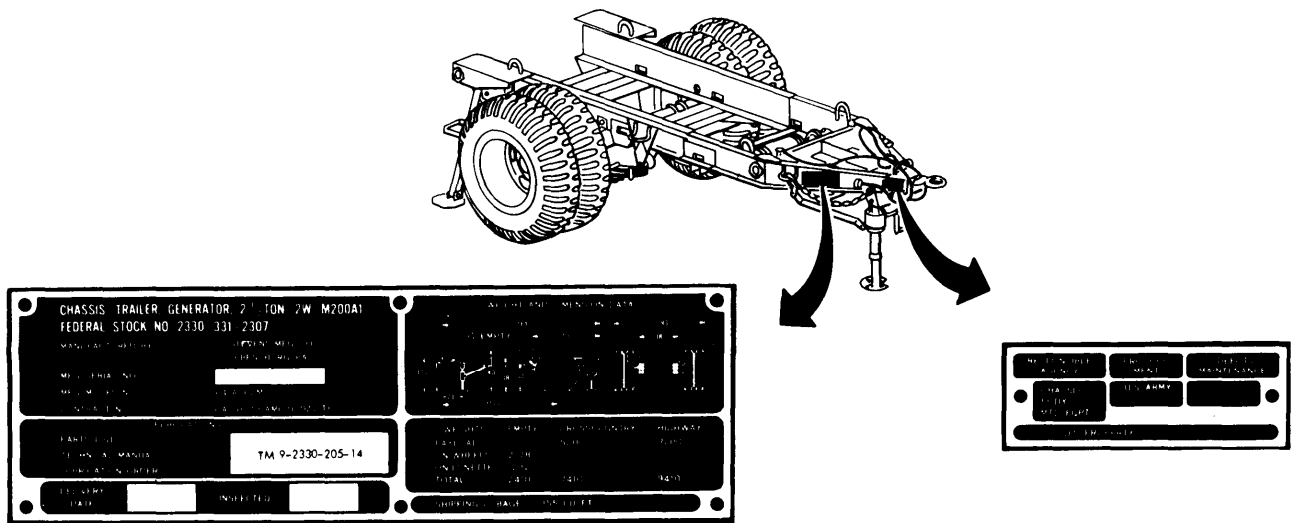
The crank handle drives the gearbox, which extends or retracts the landing leg.

The landing leg and back brace are locked in the down position or in the folded back and stowed position by a lockpin.



### DATA PLATES

There are two data plates on the front right frame. They provide identification, registration, dimension, and weight information.

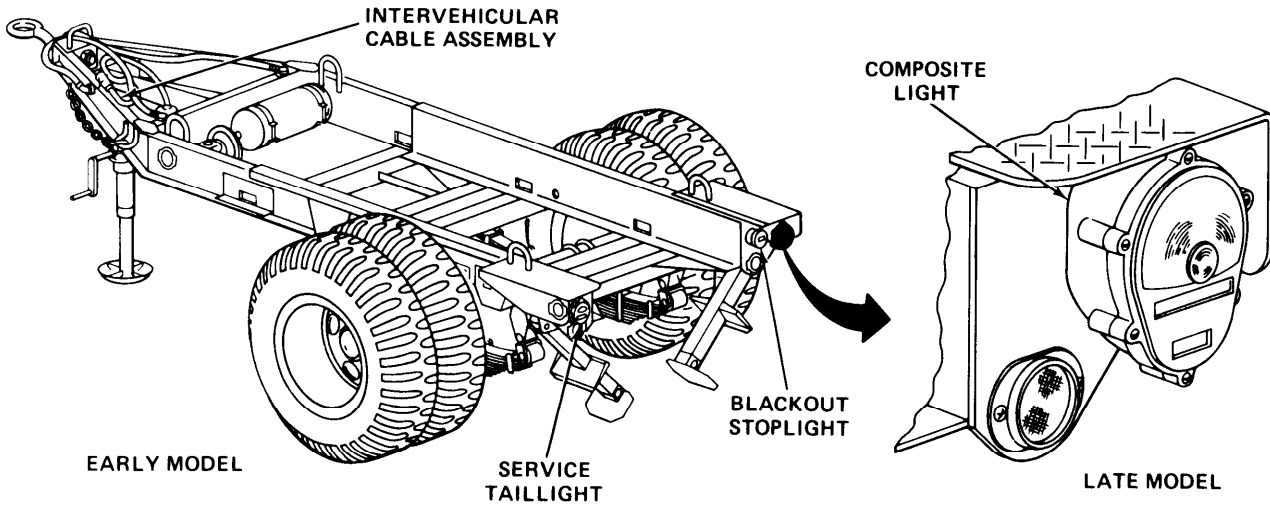


**LOCATION AND DESCRIPTION OF MAJOR COMPONENTS - CONTINUED**

**ELECTRICAL SYSTEM**

The electrical system is the 24-volt military vehicle system with an intervehicular cable to connect the trailer to the towing vehicle.

The taillights and composite lights provide stopping and turning signals.



**STEP JACKS**

The step jacks are located at the left- and right-rear corners of the chassis and serve as stabilizers when the chassis is uncoupled from the towing vehicle.

Each step jack has a step to provide access to upper parts of mounted equipment.

Each step jack has an adjustable spring-loaded lower tube with a hinged pad attached to its base. The lower tube telescopes within the step tube and can be locked in any of seven positions by the latch.

